| Issue Classification |  |  |  |  |  |
|----------------------|--|--|--|--|--|
|                      |  |  |  |  |  |

| Application No. | Applicant(s)  |  |  |
|-----------------|---------------|--|--|
| 10/051,761      | GROE, JOHN B. |  |  |
| Examiner        | Art Unit      |  |  |
|                 |               |  |  |
| Lana N Le       | 2685          |  |  |

| CLASS   SUBCLASS   CLASS   SUBCLASS   CLASS   SUBCLASS   CLASS   SUBCLASS   CLASS    | ISSUE CLASSIFICATION |                                       |                                       |                                       |                                |                     |                     |  |  |  |  |
|--|----------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------|---------------------|---------------------|--|--|--|--|
| A55   314   455   260   226.1   234.1  |                      | ORIGINAL CROSS REFERENCE(S)           |                                       |                                       |                                |                     |                     |  |  |  |  |
| INTERNATIONAL CLASSIFICATION   H   0   4   B   1/26  |                      |                                       |                                       |                                       |                                | ASS PER BLOCK)      |                     |  |  |  |  |
| H   0   4   8   1/26   | 455                  | 314                                   | 455 2                                 | 60 226.1                              | 234.1                          |                     |                     |  |  |  |  |
| Claims renumbered in the same order as presented by applicant   CPA  | INTERNATIONAL        | CLASSIFICATION                        |                                       |                                       |                                |                     |                     |  |  |  |  |
| Claims renumbered in the same order as presented by applicant   CPA   T.D.   R.1.47   CPA   CP | H 0 4 B              | 1/26                                  |                                       |                                       |                                |                     |                     |  |  |  |  |
| Claims renumbered in the same order as presented by applicant   CPA   T.D.   R.1.47   CPA   CP |                      | 7                                     |                                       |                                       |                                |                     |                     |  |  |  |  |
| Claims renumbered in the same order as presented by applicant   CPA   T.D.   R.1.47   CPA   CP |                      | 7                                     |                                       |                                       |                                |                     |                     |  |  |  |  |
| Claims renumbered in the same order as presented by applicant   CPA   T.D.   R.1.47   CPA   CP |                      | 7                                     |                                       |                                       |                                |                     |                     |  |  |  |  |
| Claims renumbered in the same order as presented by applicant   CPA   T.D.   R.1.47   CPA   CP |                      | 1                                     |                                       |                                       |                                |                     |                     |  |  |  |  |
| Claims renumbered in the same order as presented by applicant   CPA   T.D.   R.1.47   CPA   CP |                      | 1                                     |                                       |                                       |                                |                     |                     |  |  |  |  |
| Claims renumbered in the same order as presented by applicant   CPA   T.D.   R.1.47   CPA   CP |                      |                                       |                                       | رر -                                  | 1                              |                     |                     |  |  |  |  |
| Claims renumbered in the same order as presented by applicant   CPA   T.D.   R.1.47  |                      |                                       |                                       | د دور                                 | /                              | Total Claims Alle   | owed: 13            |  |  |  |  |
| Claims renumbered in the same order as presented by applicant   CPA   T.D.   R.1.47   T.D.   Claims renumbered in the same order as presented by applicant   CPA   T.D.   R.1.47   T.D.   T.D | (Assistant           | Examiner) (Date)                      |                                       |                                       |                                |                     |                     |  |  |  |  |
| Claims renumbered in the same order as presented by applicant  |                      | 1                                     | 1~-                                   | LANA LE                               | 6/20/05                        |                     |                     |  |  |  |  |
| Claims renumbered in the same order as presented by applicant   CPA  | I Warse              | Hylun 1/12                            | 100                                   |                                       |                                | Print Claim(s)      | Print Fig.          |  |  |  |  |
| reduit         reduit<  | (Legal Instrum       | nents Examiner) (Da                   | te)                                   | (Primary Examiner)                    | (Date)                         | 1                   | 3                   |  |  |  |  |
| Image: Time with the control of the control                      |                      |                                       |                                       |                                       |                                |                     |                     |  |  |  |  |
| 1         31         61         91         121         151         18           1         2         32         62         92         122         152         18           2         3         33         63         93         123         153         18           3         4         34         64         94         124         154         18           4         5         35         65         95         125         155         18           5         6         36         66         96         126         156         18           6         7         37         67         97         127         157         18           7         8         38         68         98         128         158         18           9         99         129         159         159         18  | Claims ren           | umbered in the sar                    | me order as p                         | resented by app                       | icant                          | ☐ T.D.              | ☐ R.1.47            |  |  |  |  |
| 1         31         61         91         121         151         18           1         2         32         62         92         122         152         18           2         3         33         63         93         123         153         18           3         4         34         64         94         124         154         18           4         5         35         65         95         125         155         18           5         6         36         66         96         126         156         18           6         7         37         67         97         127         157         18           7         8         38         68         98         128         158         18           9         99         129         159         159         18  | <u>=</u>   <u>=</u>  | <u>=</u>   <u>e</u>                   | _ <u>_</u> <u>_</u> <u>_</u> <u>_</u> | <u> </u>                              | <u> </u>   <u> </u>   <u> </u> | <u>=</u>   <u>E</u> | <u>=</u>   <u>e</u> |  |  |  |  |
| 1         31         61         91         121         151         18           1         2         32         62         92         122         152         18           2         3         33         63         93         123         153         18           3         4         34         64         94         124         154         18           4         5         35         65         95         125         155         18           5         6         36         66         96         126         156         18           6         7         37         67         97         127         157         18           7         8         38         68         98         128         158         18           9         99         129         159         159         18  | in:                  | i <sup>-</sup> ii   i <sup>-</sup> ii |                                       | igi   ig                              | ins                            | igi   igi           | ina<br>  igir       |  |  |  |  |
| 1     2     32     62     92     122     152     183       2     3     33     63     93     123     153     183       3     4     34     64     94     124     154     184       4     5     35     65     95     125     155     185       5     6     36     66     96     126     156     186       6     7     37     67     97     127     157     187       7     8     38     68     98     128     158     186       9     99     129     159     189  | <u> </u>             | <u> </u>                              | <u>"</u>   ō                          | "   ō                                 |                                | •   •               |                     |  |  |  |  |
| 2     3       3     4       4     5       5     6       6     7       7     8       38     68       99     123       93     123       154     184       154     184       155     185       156     156       157     18       158     158       158     18       159     18       180     12       150     15   | 1                    | 31                                    | 61                                    | 91                                    | 121                            | 151                 | 181                 |  |  |  |  |
| 3     4       4     5       5     6       6     7       7     8       36     68       98     126       154     184       155     185       156     156       157     186       157     187       158     158       158     158       159     186   |                      |                                       |                                       | 92                                    |                                |                     | 182                 |  |  |  |  |
| 4     5     35     65     95     125     155     186       5     6     36     66     96     126     156     186       6     7     37     67     97     127     157     187       7     8     38     68     98     128     158     188       9     99     129     159     189   |                      |                                       |                                       | ·                                     |                                |                     | 183                 |  |  |  |  |
| 5     6       6     7       7     8       39     69       99     126       126     156       127     157       128     158       128     158       129     159       180       180       180       181       182       183       184       185       186       187       188       189       180       180       181       182       184       185       186       186       187       188       189       180       180       181       180       181       182       184       185       186       186       187       188       189       180       180       181       182       184       185       186       187       188       189       180       180       181   |                      |                                       |                                       |                                       |                                |                     | 184                 |  |  |  |  |
| 6     7       7     8       38     68       99     129       157     18       180     158       181     158       181     158       181     158       182     159       183     159       184     159       185     186       186     187       187     188       188     159       189     129       180     180       180     180       181     181       181     181       182     159       184     184       185     184       186     180       187     180       188     180       189     129       180     180       180     180       181     180       182     159       184     180       184     180       185     180       186     180       187     180       188     180       189     129       180     180       180     180       180     180 <td></td> <td></td> <td></td> <td>·</td> <td></td> <td></td> <td>185</td>  |                      |                                       |                                       | ·                                     |                                |                     | 185                 |  |  |  |  |
| 7     8  |                      |                                       |                                       | · ———                                 |                                |                     |                     |  |  |  |  |
| 9 39 69 99 129 159 189   |                      |                                       |                                       | · ———                                 | -                              | 1                   | 188                 |  |  |  |  |
|  |                      | <del></del>                           |                                       | ·                                     |                                |                     | 189                 |  |  |  |  |
| <u>8   10     40     70     100     130     160     19</u>   | 8 10                 | 40                                    | 70                                    | 100                                   | 130                            | 160                 | 190                 |  |  |  |  |
|  | <del></del>          |                                       |                                       | 101                                   |                                | 161                 | 191                 |  |  |  |  |
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|  |                      |                                       |                                       | · · · · · · · · · · · · · · · · · · · |                                |                     | 193                 |  |  |  |  |
|  |                      |                                       |                                       | ·                                     | - <del> </del>                 |                     | 194                 |  |  |  |  |
|  |                      |                                       |                                       | ·                                     | -                              |                     | 195                 |  |  |  |  |
|  |                      |                                       |                                       |                                       |                                |                     | 197                 |  |  |  |  |
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|  |                      |                                       |                                       |                                       |                                |                     | 199                 |  |  |  |  |
|  |                      |                                       |                                       |                                       |                                |                     | 200                 |  |  |  |  |
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|  |                      | <del></del>                           | <del></del>                           |                                       | ·                              |                     | 202                 |  |  |  |  |
|  |                      |                                       |                                       |                                       |                                |                     | 203                 |  |  |  |  |
|  |                      |                                       |                                       | <del> </del>                          |                                |                     | 204                 |  |  |  |  |
|  |                      |                                       |                                       |                                       |                                |                     | 206                 |  |  |  |  |
|  |                      | <del></del>                           |                                       |                                       | · -                            |                     | 207                 |  |  |  |  |
| 28         58         88         118         148         178         208   |                      | $\rightarrow$                         | 88                                    | 118                                   | 4 ————                         | 178                 | 208                 |  |  |  |  |
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| 30   60   90   120   150   180   210   U.S. Patent and Trademark Office   Part of Paper No. 05040  |                      |                                       | 90                                    | 120                                   | 150                            |                     | 210                 |  |  |  |  |